

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 8, 8-16-02)**

IDENTIFICATION INFORMATION

Assessment Geologist:...	J.L. Ridgley	Date:	9/25/2002
Region:.....	North America	Number:	5
Province:.....	San Juan Basin	Number:	5022
Total Petroleum System:..	Mancos-Menefee Composite	Number:	502203
Assessment Unit:.....	Dakota-Greenhorn Continuous Gas	Number:	50220363
Based on Data as of:.....	PI/Dwights 2001		
Notes from Assessor:.....			

CHARACTERISTICS OF ASSESSMENT UNIT

Assessment-Unit type: Oil (<20,000 cfg/bo) or Gas (≥20,000 cfg/bo) Gas

What is the minimum total recovery per cell?... 0.02 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of tested cells:..... 5823

Number of tested cells with total recovery per cell ≥ minimum: 5262

Established (>24 cells ≥ min.) X Frontier (1-24 cells) Hypothetical (no cells)

Median total recovery per cell (for cells ≥ min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered	<u>1.4</u>	2nd 3rd	<u>0.9</u>	3rd 3rd	<u>0.45</u>
--------------------	------------	---------	------------	---------	-------------

Assessment-Unit Probabilities:

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
1. CHARGE: Adequate petroleum charge for an untested cell with total recovery ≥ minimum	<u>1.0</u>
2. ROCKS: Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum.	<u>1.0</u>
3. TIMING: Favorable geologic timing for an untested cell with total recovery ≥ minimum.....	<u>1.0</u>

Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3):..... 1.0

4. **ACCESS:** Adequate location for necessary petroleum-related activities for an untested cell with total recovery ≥ minimum 1.0

NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES IN THE NEXT 30 YEARS

1. Total assessment-unit area (acres): (uncertainty of a fixed value)

minimum <u>2,412,000</u>	median <u>2,513,000</u>	maximum <u>2,563,000</u>
--------------------------	-------------------------	--------------------------

2. Area per cell of untested cells having potential for additions to reserves in next 30 years (acres):
(values are inherently variable)

calculated mean <u>148</u>	minimum <u>40</u>	median <u>135</u>	maximum <u>360</u>
----------------------------	-------------------	-------------------	--------------------

3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)

minimum <u>60</u>	median <u>66</u>	maximum <u>70</u>
-------------------	------------------	-------------------

4. Percentage of untested assessment-unit area that has potential for additions to reserves in next 30 years (%): (a necessary criterion is that total recovery per cell ≥ minimum)
(uncertainty of a fixed value)

minimum <u>46</u>	median <u>55</u>	maximum <u>76</u>
-------------------	------------------	-------------------

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

TOTAL RECOVERY PER CELL

Total recovery per cell for untested cells having potential for additions to reserves in next 30 years:

(values are inherently variable)

(mmbo for oil A.U.; bcfg for gas A.U.) minimum 0.02 median 0.4 maximum 8

AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS, TO ASSESS COPRODUCTS

(uncertainty of fixed but unknown values)

<u>Oil assessment unit:</u>	minimum	median	maximum
Gas/oil ratio (cfg/bo).....	<u> </u>	<u> </u>	<u> </u>
NGL/gas ratio (bngl/mmcf).....	<u> </u>	<u> </u>	<u> </u>

<u>Gas assessment unit:</u>			
Liquids/gas ratio (bliq/mmcf).....	<u>2</u>	<u>4</u>	<u>6</u>

SELECTED ANCILLARY DATA FOR UNTESTED CELLS

(values are inherently variable)

<u>Oil assessment unit:</u>	minimum	median	maximum
API gravity of oil (degrees).....	<u> </u>	<u> </u>	<u> </u>
Sulfur content of oil (%).....	<u> </u>	<u> </u>	<u> </u>
Drilling depth (m)	<u> </u>	<u> </u>	<u> </u>
Depth (m) of water (if applicable).....	<u> </u>	<u> </u>	<u> </u>

<u>Gas assessment unit:</u>			
Inert-gas content (%).....	<u>0.00</u>	<u>1.20</u>	<u>2.80</u>
CO ₂ content (%).....	<u>0.00</u>	<u>1.10</u>	<u>6.60</u>
Hydrogen-sulfide content (%).....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Drilling depth (m).....	<u>2000</u>	<u>2200</u>	<u>3000</u>
Depth (m) of water (if applicable).....	<u> </u>	<u> </u>	<u> </u>

<u>Success ratios:</u>	calculated mean	minimum	median	maximum
Future success ratio (%).....	<u>85</u>	<u>80</u>	<u>85</u>	<u>90</u>

Historic success ratio, tested cells (%).. 90

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES
Surface Allocations (uncertainty of a fixed value)

1. <u>Colorado</u>	represents	<u>20.01</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>10</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>New Mexico</u>	represents	<u>79.99</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>90</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

5.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
6.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
7.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
8.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES
Surface Allocations (uncertainty of a fixed value)

1. <u>Federal Lands</u>	represents	<u>44.71</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>78</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>Private Lands</u>	represents	<u>22.93</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>7</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. <u>Tribal Lands</u>	represents	<u>27.72</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>12</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
4. <u>Other Lands</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

5. <u>CO State Lands</u>	represents	<u>0.49</u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u>0</u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u>0</u>	<u> </u>
6. <u>NM State Lands</u>	represents	<u>4.16</u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u>3</u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u>0</u>	<u> </u>
7. <u> </u>	represents	<u> </u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
8. <u> </u>	represents	<u> </u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

9.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
10.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
11.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
12.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS

Surface Allocations (uncertainty of a fixed value)

1. <u>Bureau of Land Management (BLM)</u>	represents	<u>34.81</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>60.73</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>BLM Wilderness Areas (BLMW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
3. <u>BLM Roadless Areas (BLMR)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. <u>National Park Service (NPS)</u>	represents	<u>0.00</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>0.01</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

5. <u>NPS Wilderness Areas (NPSW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6. <u>NPS Protected Withdrawals (NPSP)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7. <u>US Forest Service (USFS)</u>	represents	9.24	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	16.12	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
8. <u>USFS Wilderness Areas (USFSW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

9. <u>USFS Roadless Areas (USFSR)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
10. <u>USFS Protected Withdrawals (USFSP)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
11. <u>US Fish and Wildlife Service (USFWS)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
12. <u>USFWS Wilderness Areas (USFWSW)</u>	represents	areal % of the assessment unit		
<u>Oil in oil assessment unit:</u>	minimum	median	maximum	
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

13. <u>USFWS Protected Withdrawals (USFWSP)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
14. <u>Wilderness Study Areas (WS)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
15. <u>Department of Energy (DOE)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
16. <u>Department of Defense (DOD)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

17. Bureau of Reclamation (BOR)	represents	0.65	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		1.14	_____
Portion of volume % that is offshore (0-100%)..	_____		0	_____
18. Tennessee Valley Authority (TVA)	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
19. Other Federal	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
20. _____	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS

Surface Allocations (uncertainty of a fixed value)

1. <u>Grand Canyon Lands (GDCL)</u>	represents	<u>4.94</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>4</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>Navajo Canyonlands (NVCL)</u>	represents	<u>68.39</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>87</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. <u>South-Central Highlands (SCHL)</u>	represents	<u>13.83</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>4</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
4. <u>White Mountain-San Francisco Peaks (WMSF)</u>	represents	<u>12.84</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>5</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

5.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
6.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
7.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
8.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____

Assessment Unit (name, no.)
Dakota-Greenhorn Continuous Gas, 50220363

9.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
10.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
11.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
12.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____

Assessment Unit (name, no.)
Dakota-Greenthorn Continuous Gas, 50220363

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES
Subsurface Allocations (uncertainty of a fixed value)

Based on Data as of: _____

1. <u>All Federal Subsurface</u>	represents	_____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	_____	median	maximum
Volume % in entity.....	_____	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	_____
2. <u>Other Subsurface</u>	represents	_____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	_____	median	maximum
Volume % in entity.....	_____	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____	_____